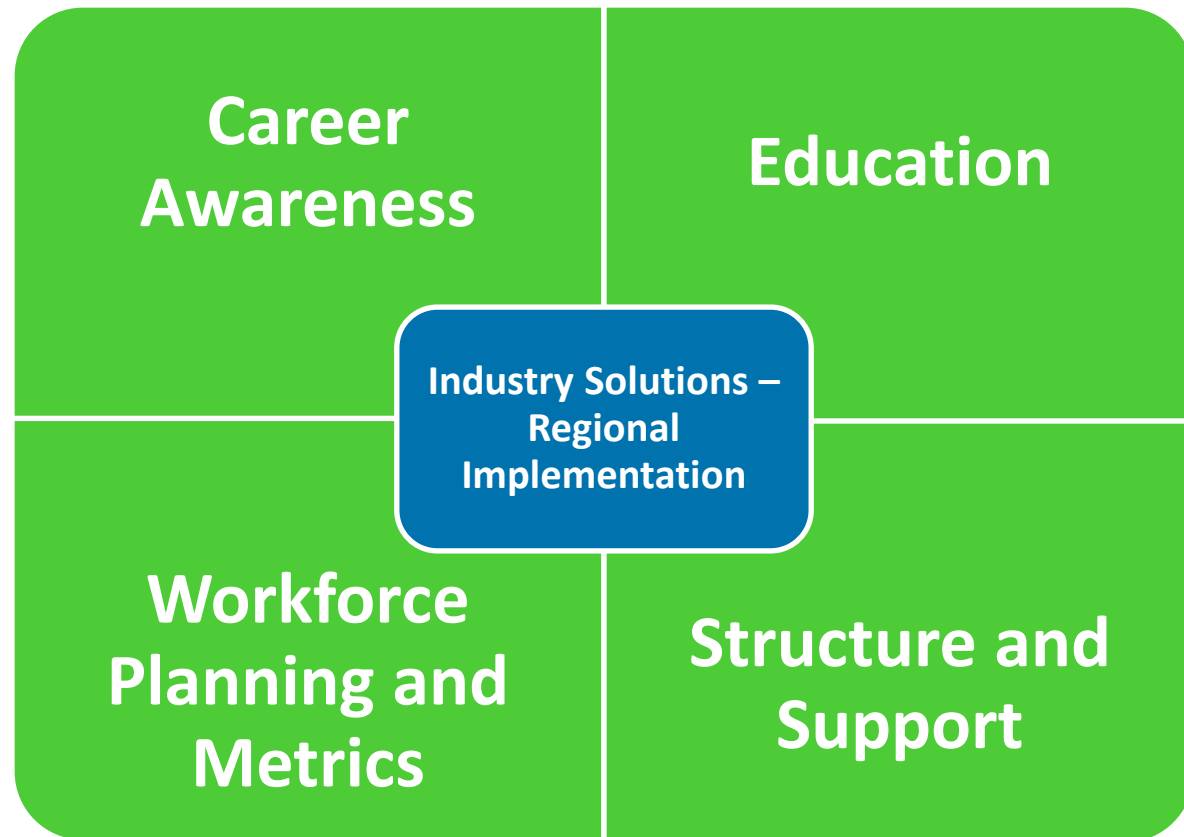


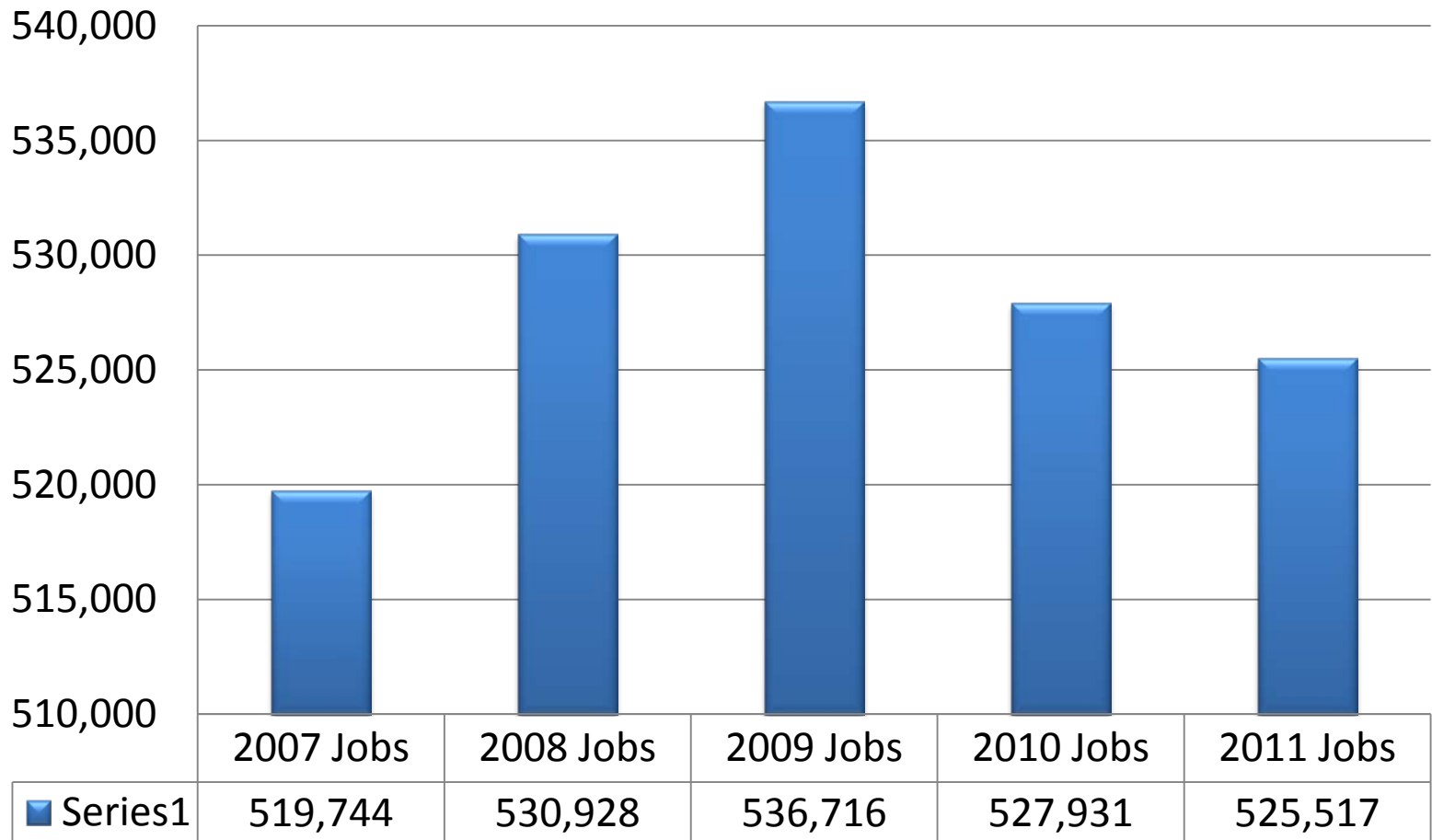
CEWD Mission

Build the alliances, processes, and tools to develop tomorrow's energy workforce

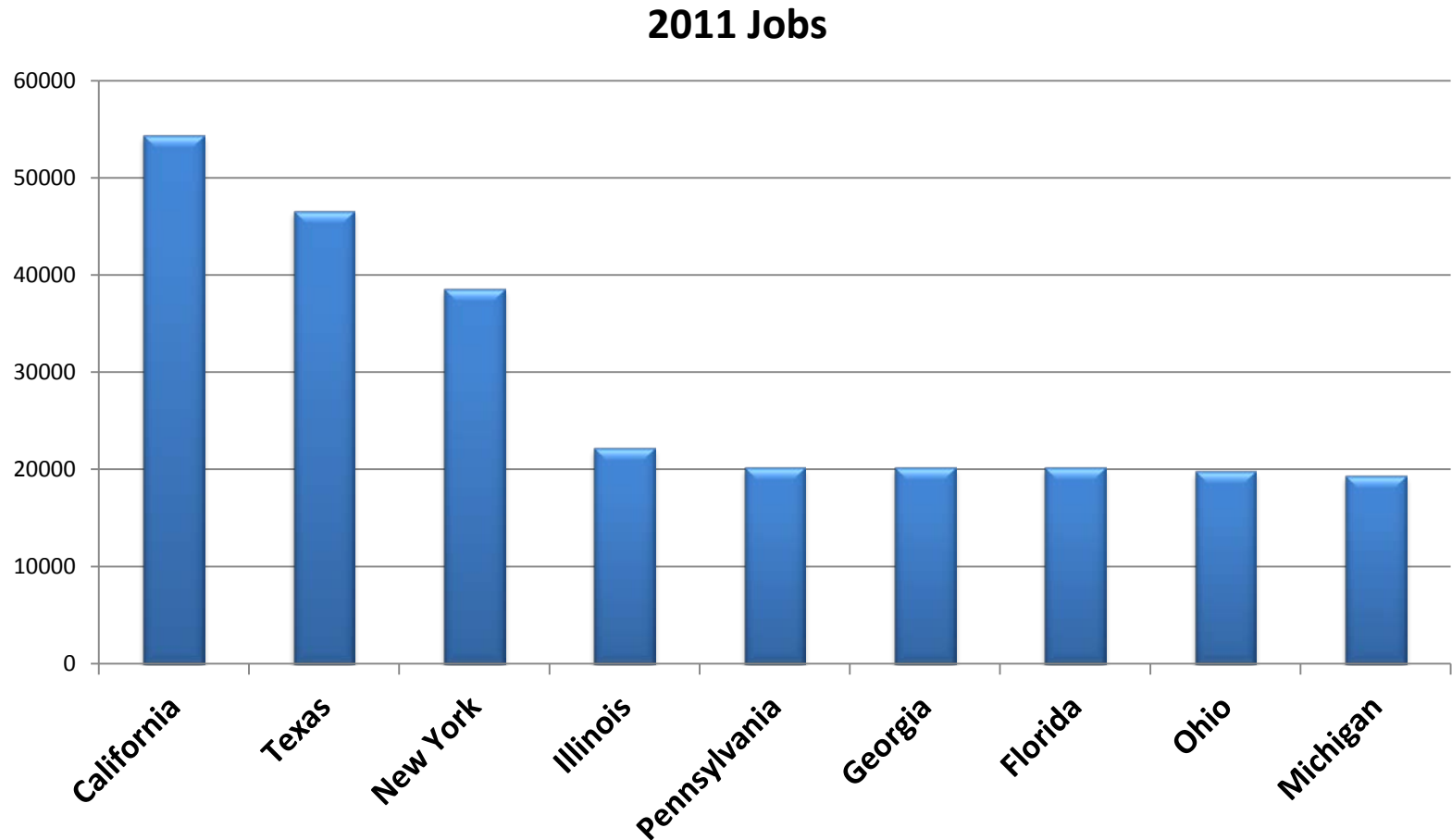


Total Industry Jobs have decreased since last survey

Total Jobs for Electric and Natural Gas NAICS Codes

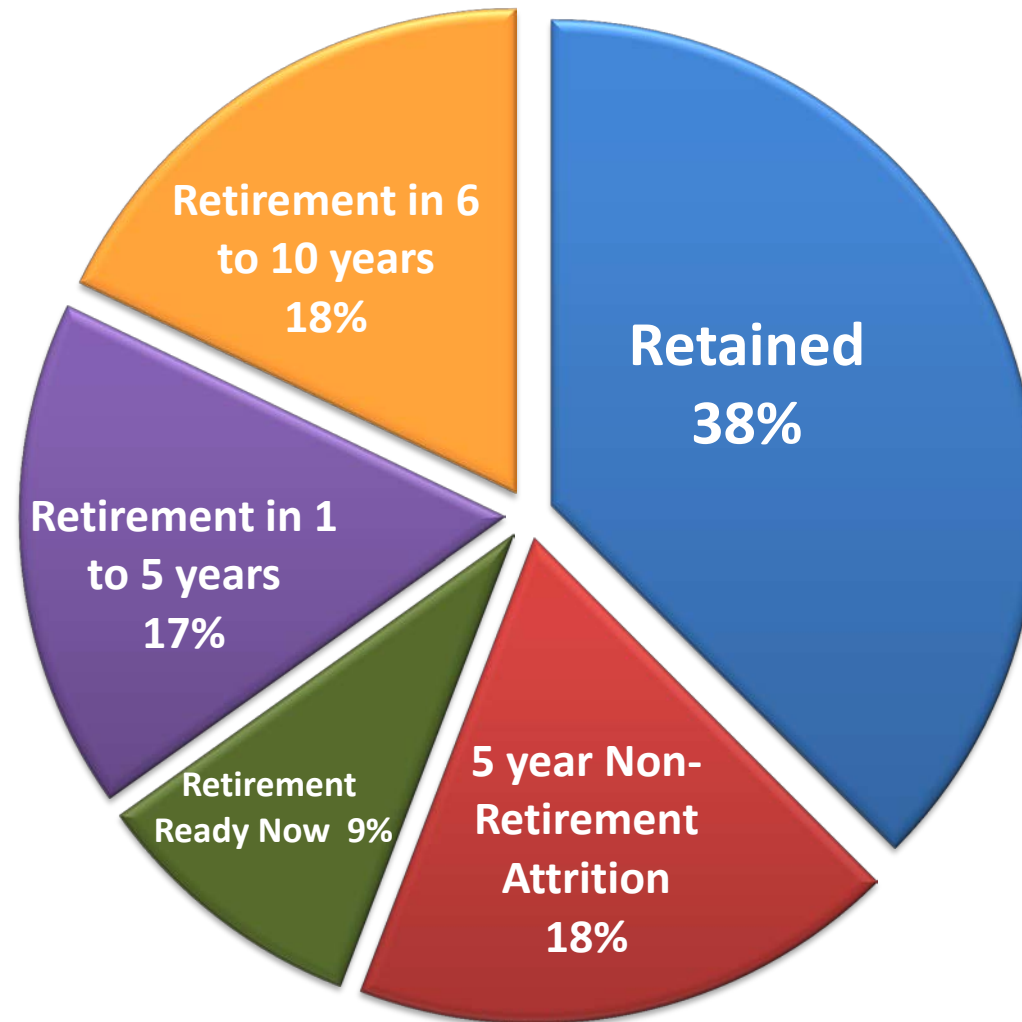


Electric and Natural Gas Utility Jobs



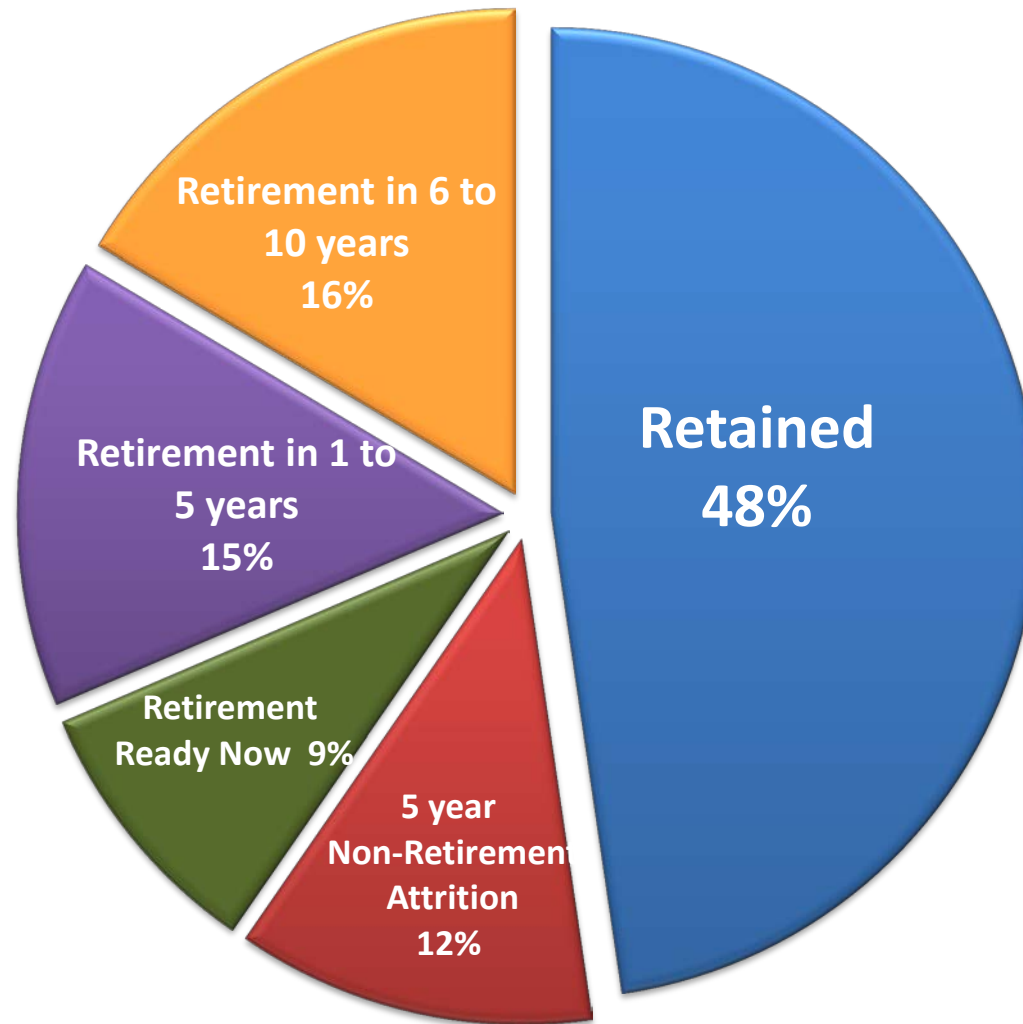
Half of all the Electric and Natural Gas Utility Jobs are in 9 States

Total Industry Potential Replacement Impact on Retirement and Non-Retirement Attrition



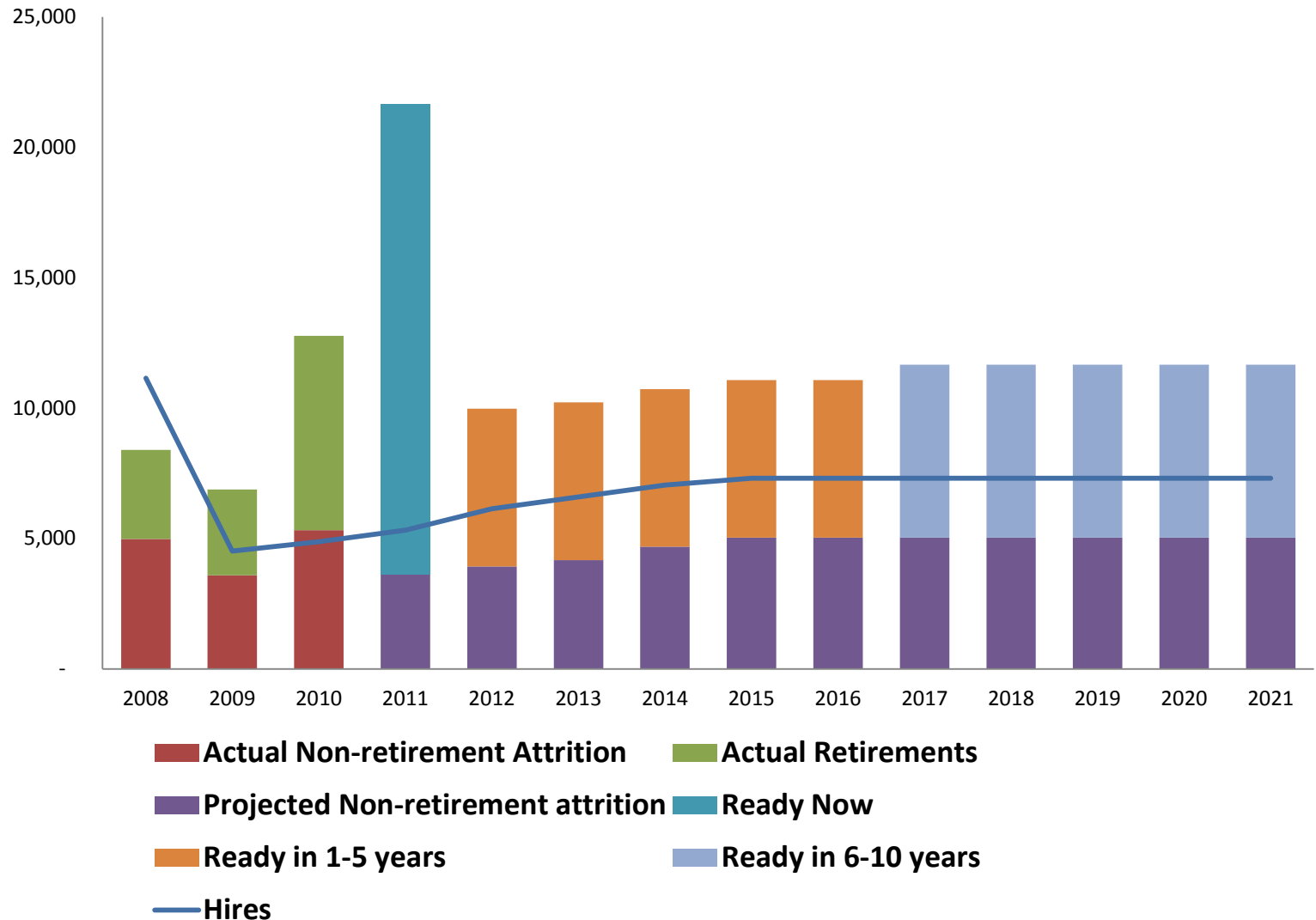
62 % of the workforce may need to be replaced in the next 10 years

Key Jobs - Potential Replacement Impact on Retirement and Non-Retirement Attrition

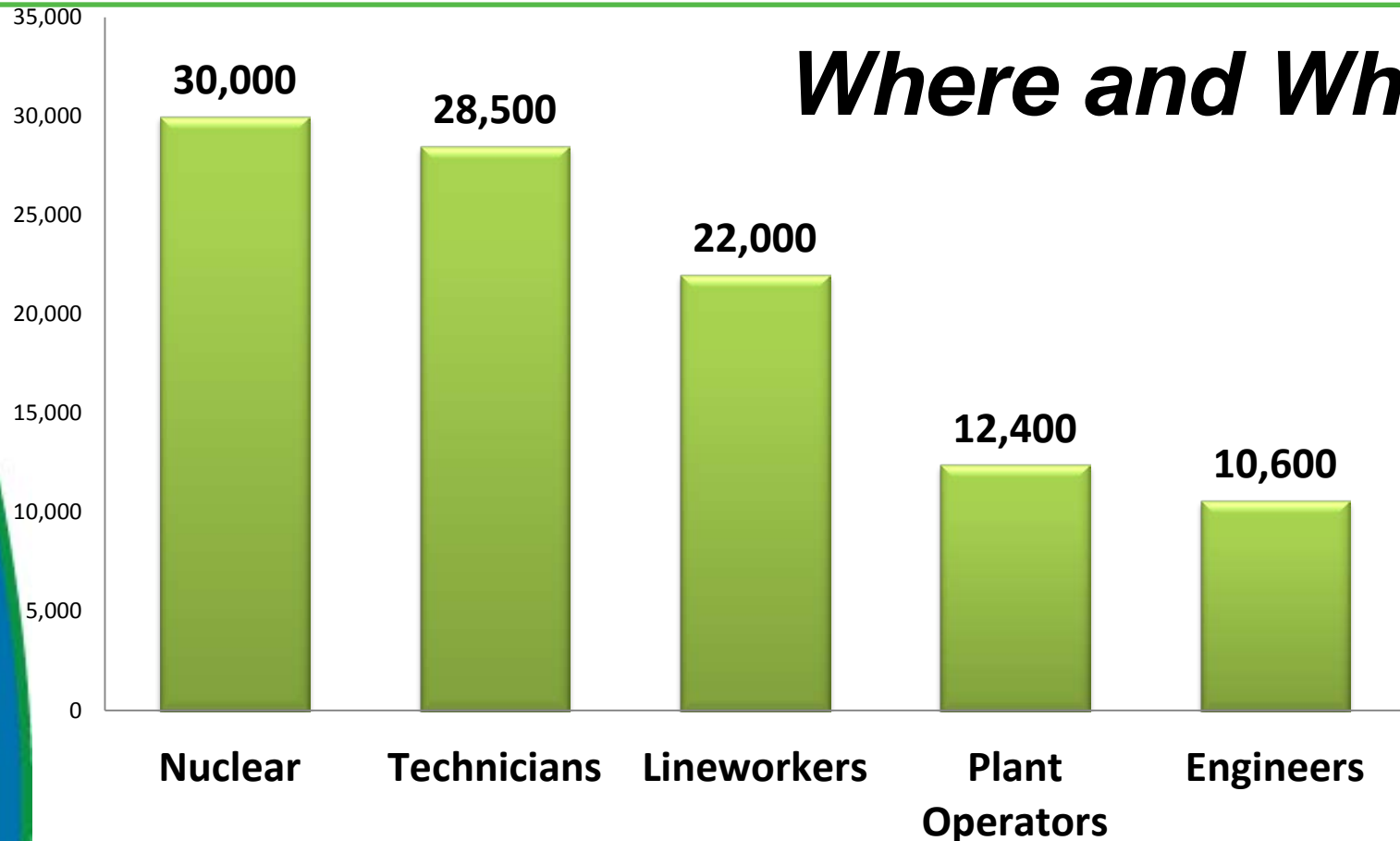


52 % of skilled technicians and engineers may need to be replaced in the next 10 years

Key Jobs Retirement Projections Based on Age and Years of Service



Potential Replacements by 2015



Potential Replacements by 2020

	Potential Replacements 2010 - 2015		Potential Replacements 2015 - 2020	
Job Category	Potential Attrition & Retirement	Estimated Number of Replacements	Potential Retirement	Estimated Number of Replacements
Lineworkers	32%	22,100	15%	10,300
Technicians	39%	28,500	19%	13,500
Plant Operators	37%	12,400	17%	5,800
Engineers	38%	10,600	15%	4,100
Total	36%	73,600	16%	33,700
<i>Totals exclude Nuclear</i>				

Potential Replacements by 2020

	Potential Replacements 2010 - 2015		Potential Replacements 2015 - 2020	
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Total	36%	73,600	16%	33,700
<i>Totals exclude Nuclear</i>				

Balancing Supply and Demand for Energy Technicians

DEMAND

SUPPLY

**READY NOW –
positions currently
open = X**

Currently in Job Market - Military,
Transitioning Adults, CC Graduates,
Recent Energy Career Academy
Grads, Union Apprenticeships

Existing
Programs

**READY IN 1-2 YEARS –
positions currently
projected = X**

Currently enrolled in CC,
HS Seniors
HS Juniors in Energy
Career Academy

Existing
and New
Programs

**READY IN 3-5 YEARS –
positions currently
projected = X**

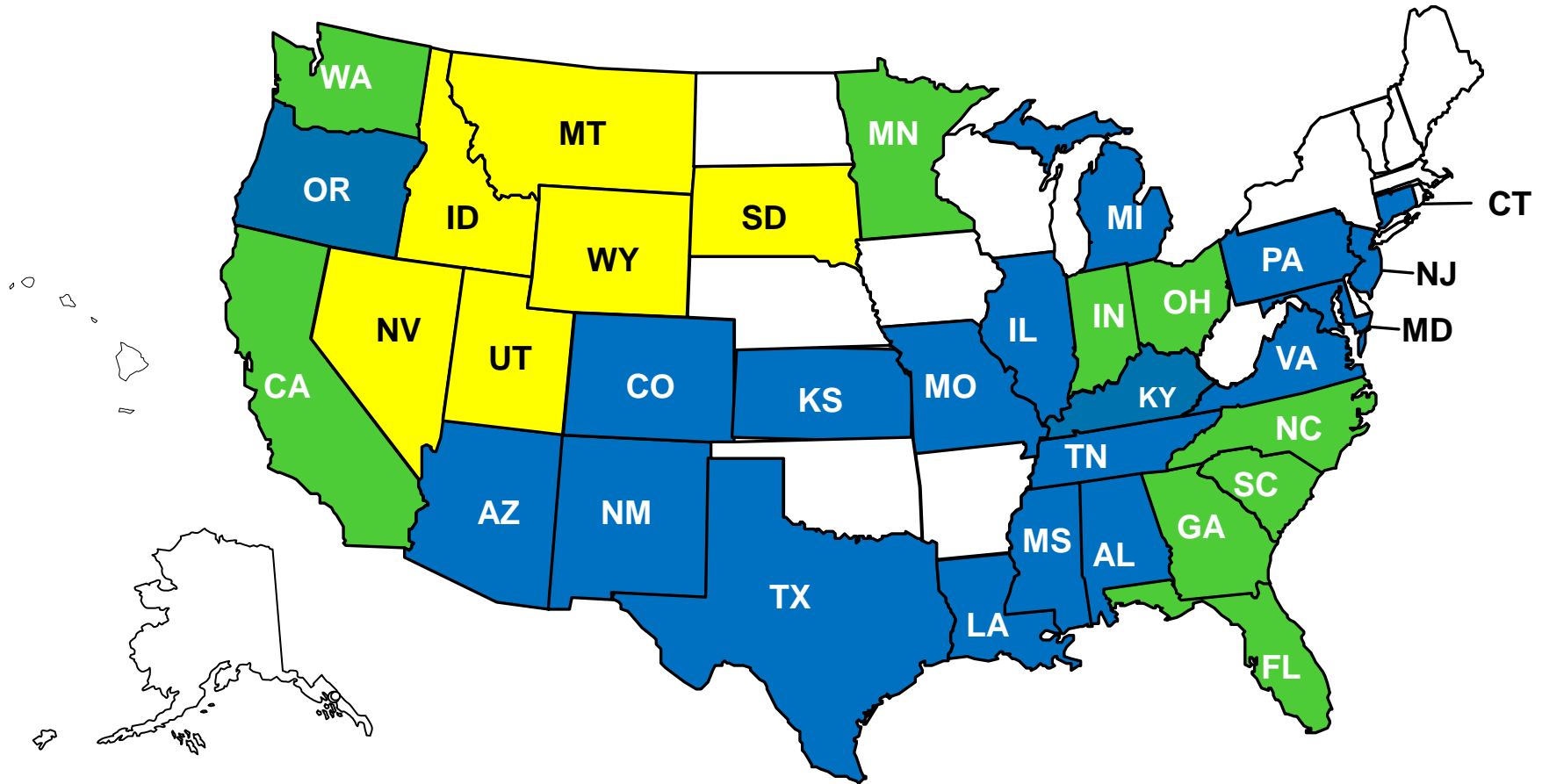
Currently in Grades 9-11

**READY IN 6-10 YEARS –
positions currently
projected = X**

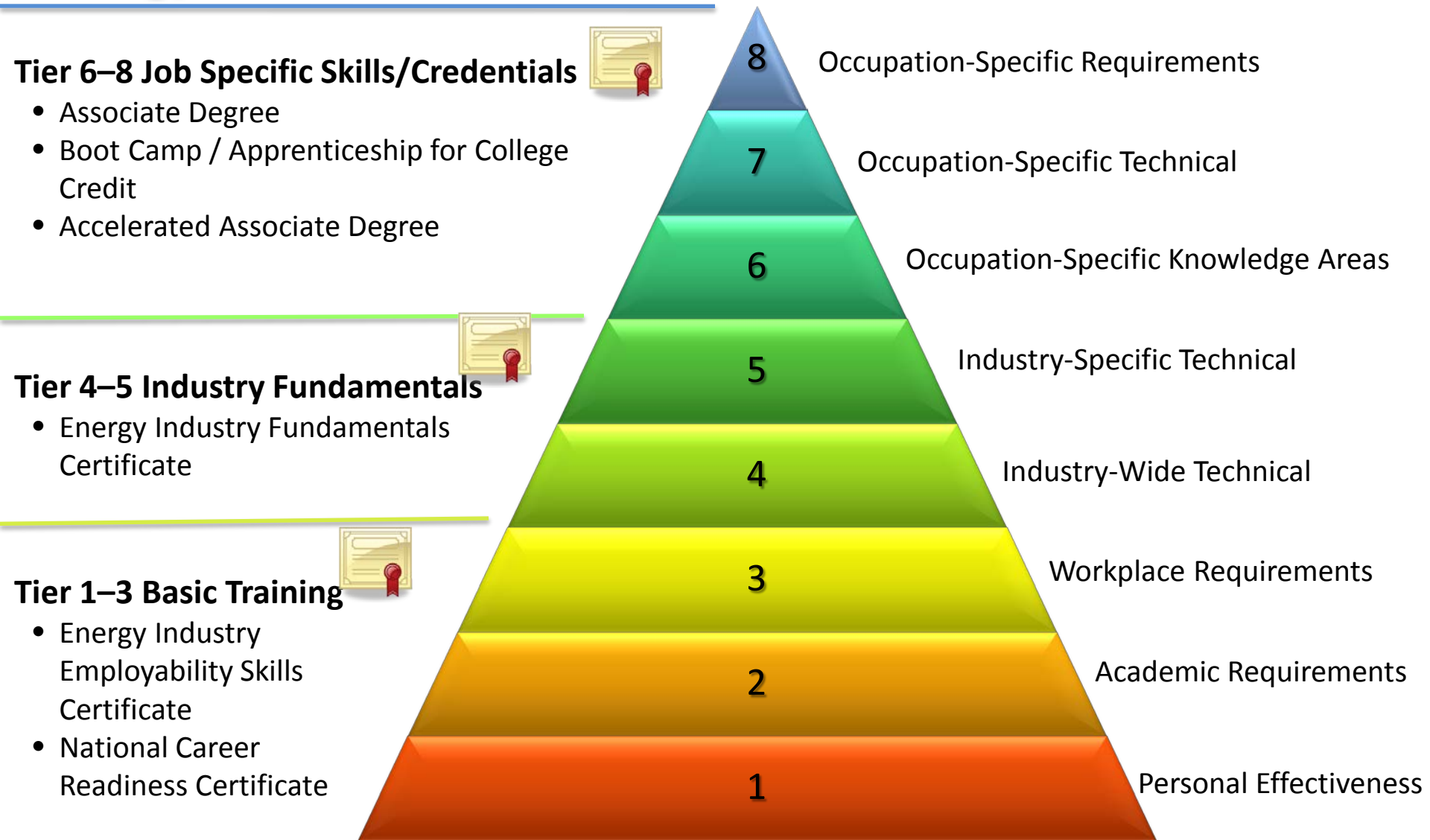
Currently in Grades 4-8



State Energy Workforce Consortia



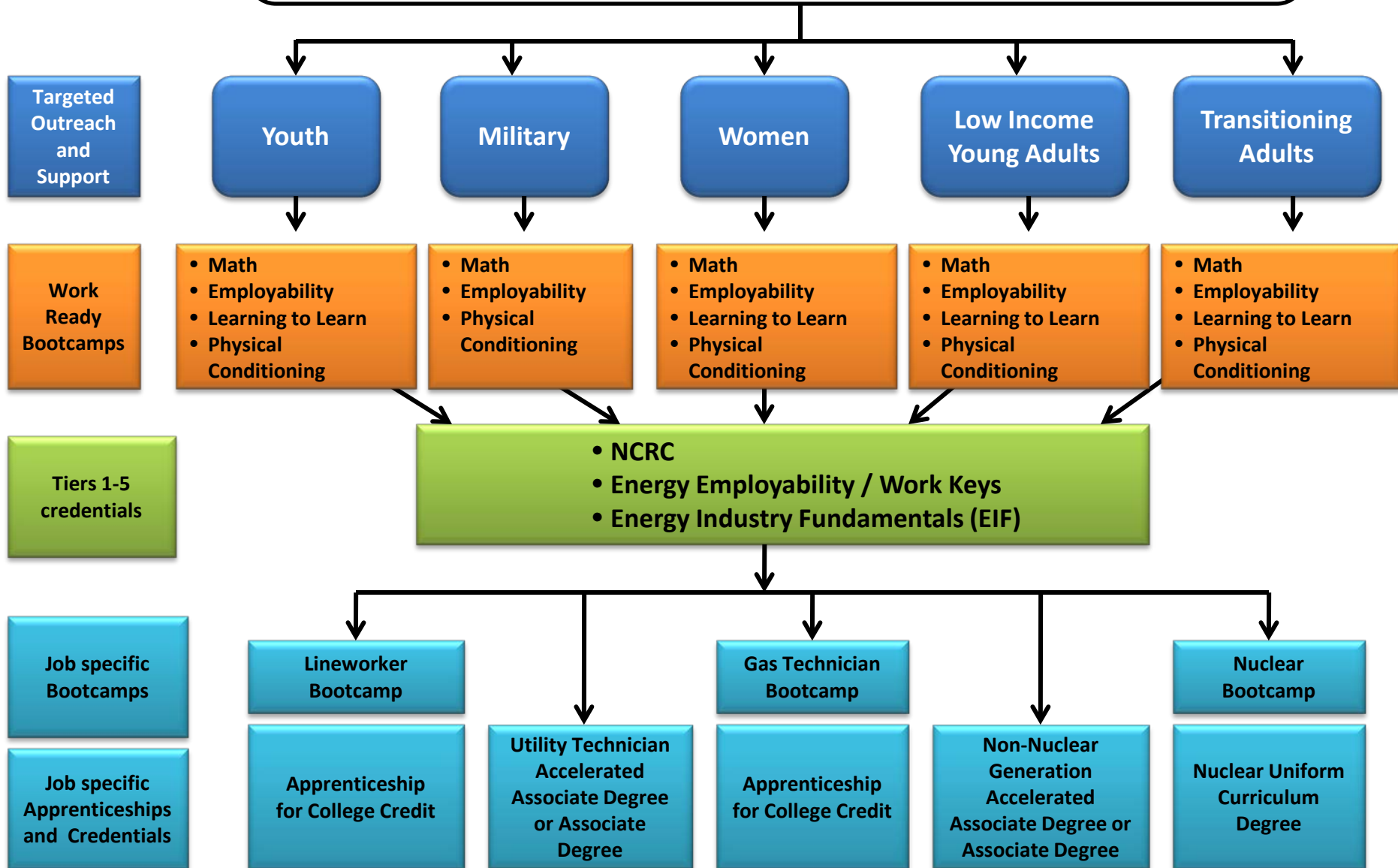
GIECP Pilot States Existing Consortium Planned Consortium



Energy Competency Tier Model for Skilled Technician Positions in Energy Efficiency, Energy Generation and Energy Transmission and Distribution



Career Pathways





For more information, contact:

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